

Notice of Allowability

Application No.

09/585,298

Examiner

Myriam Pierre

Applicant(s)

HUANG ET AL.

Art Unit

2654

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/16/2004.
2. ☒ The allowed claim(s) is/are 1-43.
3. ☒ The drawings filed on 01 June 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Vijay Chawan

DETAILED ACTION

Response to Amendment

1. Applicant's Amendment filed 10/16/2004, responding to the OA of 008/12/2004, amended claims 21 and 42 and remarks from the applicant.

Examiner accepts the amendment to claims 21 and 42, and thus, withdraws objection to claims 21 and 42.

Response to Arguments

2. Applicants arguments, see pages 15-19 of the amendment filed 10/16/2004, have been fully considered and are persuasive. The rejection of claims 1-43 been withdrawn.

Allowable Subject Matter

3. Claims 1, 3, 7, 14, 19, 23, 24, 28, 35, and 40 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 1, 3, and 7, 23, 24, 28 and 40 describe separate sets of context-free grammar, one of which is more appropriate for a selected application. Meteer et al. teach N-gram and context-free grammar but neither Meteer et al. nor Masataki teach singularly nor in combination using separate sets of context-free grammar, one of which is more appropriate for a selected task independent corpus combined to build a unified task dependent unified language model.

No new art was found.

Dependent claims 2, and 4-6, 8-13, 25-34, and 41-43 are allowed since they further limit each of the respective independent claims 1, 3, and 7, 23, 24, 28 and 40 or their own parent claims.

Claim 35 describes a second N-gram language model built from the task independent corpus, both first and second language models are combined to form a third N-gram language model, querying and identifying associated text in the task independent corpus.

Meteer et al. teach a training set from N-gram and context free grammar and task independent N-gram adaptive model

However, Meteer does not teach nor fairly suggest combining both a first and second language model from a task independent corpus to form a third N-gram language model or querying and identifying associated text in the task independent corpus.

Masataki teach task independent N-gram adaptive model, but does not teach querying and identifying associated text in the task independent corpus.

Neither Meteer et al. nor Masataki teach singularly nor in combination a second N-gram language model built from the task independent corpus, forming a third N-gram language model from both a first and second language model, which consists of word phrases and text from a task independent corpus, respectively.

No new art was found.


Dependent claims 36-39 are allowed since they further limit each of the respective independent claim 35 or their own parent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Myriam Pierre whose telephone number is 571-272-7611. The examiner can normally be reached on Monday - Friday from 5:30 a.m. - 2:00p.m.
5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on (571) 272-7602. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
6. Information as to the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

06/14/2005


VIJAY CHAWAN
PRIMARY EXAMINER